

ABSTRACT

A modular electrical component for electrical wiring systems is provided.

The modular electrical component includes a removable electrical device, a base unit that fits within a junction box in the electrical wiring system and a mounting strap used to secure the base unit to the junction box. Typically, the removable electrical device has a plurality of power contacts that extend from a rear cover of the device, and the base unit has a plurality of terminal connections. The power contacts electrically connect to the terminal connections, when the replaceable electrical device is mated with the base unit. The removable electrical device may be, for example, a receptacle or switch. Preferably, the removable electrical device is a circuit interrupting device, such as a ground fault circuit interrupting device.